



COFL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Henning Zschau )  
Serial No. 09/831,223 )Examiner: Lincoln Donovan  
Filed: July 19, 2001 )Patent No. 6,778,047 B1  
Title: RELAY WITH COUPLING ELEMENT )Issued: August 17, 2004

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 C.F.R. SECTION 1.322

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
NOV 30 2004  
of Correction

Sir:

A Certificate of Correction under Rule 1.322 in the above-identified patent is respectfully requested in accordance with the enclosed copies of form PTO-1050.

Respectfully submitted,

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Date: November 18, 2004

Enc. PTO-1050  
Return postcard

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,778,047 *B1*

DATED : August 17, 2004

INVENTOR(S) : Henning Zschau

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Abstract:****Line 11, after "and" insert --the--.****Claim 16, Column 6, Line 5, delete [characterized] and insert --characterized--.****Delete Claim 19 and insert the corrected Claim 19:**

-19. Relay assembly with a coupling element, comprising: at least two relays, each relay having at least one spring bracket, a plurality of contact spring pairs associated with each relay, each of the plurality of contact spring pairs including an active contact spring disposed on the spring bracket of one of the relays and a passive contact spring positioned on the coupling element, a drive disposed on each of the spring brackets, each of the drives acting over an actuator on at least one active contact spring which cooperates with at least one passive contact spring, at least one of the active and passive contact springs of each of the pluralities of contact spring pairs being electrically contactable through a connecting pin; characterized in that the at least two relays are mechanically connectable, a coupling element constructed as a separate component engagable with the spring brackets of the respective relays to thereby provide the mechanical connection between the respective relays, the electric connecting pins of the respective relays being disposed proximate the coupling element, and further characterized in that each of the passive contact springs of the plurality of contact spring pairs of one relay is aligned with and positioned on the coupling element opposite one of the passive contact springs of the plurality of contact spring pairs of the other relay wherein the at least two coupled relays lie in mirror-image symmetry relative to the coupling element and wherein the coupling element is releasably coupled.--

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PATENT NO. 6,778,047

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 6,778,047 *B1*

DATED : August 17, 2004

INVENTOR(S) : Henning Zschau

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Delete Claim 22 and insert the correct Claim 22:**

--22. Relay with a coupling element, comprising: a first spring bracket, a first plurality of contact spring pairs, each of the first plurality of contact spring pairs including an active contact spring disposed on the first spring bracket which cooperates with a passive contact spring positioned on the coupling element, wherein associated with the first plurality of contact spring pairs is a drive disposed on the first spring bracket and which acts over an actuator on at least one active contact spring which cooperates with at least one passive contact spring of the first plurality of contact spring pairs, at least one of the active and passive contact springs of the first plurality of contact spring pairs being electrically contactable through a connecting pin; characterized in that the relay is mechanically couplable with at least one further relay wherein the further relay includes a second spring bracket and defines a second plurality of contact spring pairs, each of the second plurality of contact spring pairs including an active contact spring disposed on the second spring bracket which cooperates with a passive contact spring positioned on the coupling element, wherein associated with the second plurality of contact spring pairs is a second drive disposed on the second spring bracket, at least one of the active and passive contact springs of the second plurality of contact spring pairs being electrically connectable through a connecting pin, and wherein the coupling element is constructed as a separate component engagable with the spring brackets of the respective relays, the electric connecting pins of the contact springs of the respective relays being disposed proximate the coupling element, and further characterized in that each of the passive contact springs of the first and second plurality of contact spring pairs

(continued on next page)

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DATED : August 17, 2004

INVENTOR(S) : Henning Zschau

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**corrected Claim 22 – continued:**

of the coupled relays are aligned with each passive contact spring of the first plurality of contact spring pairs positioned on the coupling element opposite one of the passive contact springs of the second plurality of contact spring pairs wherein the at least two coupled relays lie in mirror-image symmetry relative to the coupling element and wherein said coupling element includes at least one groove and at least one multiple contact spring slidably mounted in the groove, the multiple contact spring comprising and electrically coupling one of the passive contact springs of the first plurality of contact spring pairs and an aligned one of the passive contact springs of the second plurality of contact spring pairs.--

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